



PROJECT MANAGEMENT CHALLENGE 2009

Sixth Annual NASA Project Management Seminar

ABSTRACT AND BIOGRAPHY

Predictive Performance Management

How early in the life of a project or task can you accurately start predicting the extent to which the project or task will meet its objectives? Most project managers are very skilled at assessing the historical performance of their project and using that understanding to assess where their project is at a given point. This is what we are asked to do. This is what we are trained to do. The power in understanding performance to date on any piece of work is being able to use that knowledge to predict the future; not to tell where we have been, but to predict where we are going in time to affect the outcome. Establishing an integrated plan that captures all elements of performance (technical, cost, schedule, and risk) along with rigorous statusing can allow a project manager to take control of their future. Using these tools and processes can help managers avoid surprises and allow them to better drive future performance instead of being a victim of the surprises.

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Richard spent 15 years working for the Department of Navy in the Naval Air Systems Command (NAVAIR) community. He started as an Aircraft Sheet Metal Mechanic Apprentice and held a multitude of positions including Work Leader, Overhaul & Repair Supervisor, and Program Analyst. Richard departed NAVAIR as the Program Analyst for the F-14 and A-6 programs in the Aircraft Production Division.

Richard joined NASA in 2000 in the Aeronautics Research Directorate at NASA Langley Research Center in Hampton, VA, as a Program Analyst for several aeronautic research & development projects. In 2005 he joined the Space Exploration side of NASA Langley and joined the Exploration Technology Development Program Office (ETDPO) as the Program Planning & Control Office Manager. ETDPO manages 20+ technology projects across NASA. In this position Richard establishes business policy for the program and leads a business team that works to inform, educate, and enable the exploration technology projects.